

IN TH. UNITED STATES PATENT AND TRADEMA. OFFICE

Applicant: Luis Cabrera, et al. Examiner: \_\_\_\_\_  
Serial No.: 09/450,364 Group Art Unit: \_\_\_\_\_  
Filed: November 29, 1999 Docket: MS128808.1/40062.137US01  
Title: STORAGE MANAGEMENT SYSTEM HAVING ABSTRACTED VOLUME PROVIDERS

CERTIFICATE UNDER 37 CFR 1.8: The undersigned hereby certifies that this Transmittal Letter and the paper, as described herein, are being deposited in the United States Postal Service, as first class mail, with sufficient postage, in an envelope addressed to: Commissioner for Patents, Washington, D.C. 20231, on June 22, 2001.

By: Yvonne Robinson  
Yvonne Robinson

Commissioner for Patents  
Washington, D.C. 20231

Sir:

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By: Homer L. Knearl  
Name: Homer L. Knearl  
Reg. No.: 21,197  
HLK



PATENT

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VOLUME PROVIDERS

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POWER OF ATTORNEY And CORRESPONDENCE ADDRESS

Please revoke all previous powers of attorney relating to the above-referenced patent application except do not revoke power of attorney for Dan Crouse, Reg. No. 32,022 and Katie E. Sako, Reg. No. 32,628.

Furthermore, please add the following persons:

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as attorneys and/or patent agents with the full power to represent the applicant in connection with the above-identified application.

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Date: 6/14/01

By:   
 Dan Crouse, Reg. No. 32,022  
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Receipt is hereby acknowledged for the following in the U.S. Patent and Trademark  
Office:

In re Application of: Luis Cabrera, et al.  
For: STORAGE MANAGEMENT SYSTEM HAVING  
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## DOCKET NOTIFICATION SLIP

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TO: PATENT DOCKETING

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Title: STORAGE MANAGEMENT SYSTEM HAVING ABSTRACTED VOLUME  
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